

DERWENT-ACC-NO: 1997-061714  
DERWENT-WEEK: 199706  
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TITLE: External, fair skin preparation, preventing freckles, spots, pigmentation  
etc contains extract of Equisetum arvense L, E. hyemale L or E. debile Roxb

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PATENT-ASSIGNEE:

ASSIGNEE	CODE
SHISEIDO CO LTD	SHIS

PRIORITY-DATA: 1995JP-142679 (May 17, 1995)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
<u>JP</u>	November	JA
<u>08310939</u>	26,	1996
<u>A</u>		

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 08310939A	May 17, 1995	1995JP-142679	

INT-CL-CURRENT:

TYPE	IPC	DATE
CIPS	<u>A61 K 36/18</u>	20060101
CIPS	<u>A61 K 8/00</u>	20060101
CIPP	<u>A61 K 8/96</u>	20060101
CIPS	<u>A61 K 8/97</u>	20060101
CIPS	<u>A61 P 17/00</u>	20060101
CIPS	<u>A61 Q 1/00</u>	20060101
CIPS	<u>A61 Q 1/12</u>	20060101
CIPS	<u>A61 Q 19/00</u>	20060101
CIPS	<u>A61 Q 19/02</u>	20060101

ABSTRACTED-PUB-NO: JP 08310939 A  
BASIC-ABSTRACT:

External fair-skin prepn. contains extract of Equisetaceae family, Equisetum  
genus partic. Equisetum arvense L., Equisetum hyemale L. or Equisetum debile  
Roxb., at concns. of 0.05-20.0 wt.%, excluding Equisetum giganteum.

Raw materials are extracted with conventional solvent (e.g. MeOH, EtOH, aq. alcohols, acetone and EtOAc) and resultant extract is added to conventional external prepn. bases including cosmetics together with known additives and carriers.

USE/ADVANTAGE - Used to prevent and treat pigmentation, spots, freckles and chloasma at concns. of 0.005-20.0 (pref. 0.01-10.0) wt.% in external compsns. Compsn. is non-toxic.

In an example, extracts of Equisetum arvense L., Equisetum myemale L. and Equisetum debile Roxb. inhibited melanin formation at concn. of 0.01 wt.% in cultured B16 melanoma cells. At same concn., these extracts inhibited tyrosinase activity at rate of 98, 97 and 98%, respectively.

ABSTRACTED-PUB-NO: JP 08310939 A  
EQUIVALENT-ABSTRACTS:

TITLE-TERMS: EXTERNAL FAIR SKIN PREPARATION PREVENT FRECKLES SPOT PIGMENT  
CONTAIN EXTRACT ARVENSE

DERWENT-CLASS: B04 D21

CPI-CODES: B04-A10; B14-N17; D08-B09A;

CHEMICAL-CODES:

Chemical Indexing M1 \*01\*  
Fragmentation Code  
M423 M781 P943 Q254 V400 V404

SECONDARY-ACC-NO:  
CPI Secondary Accession Numbers: 1997-020006